



DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

STATE OF FLORIDA
Reubin O'D Askew, Governor

James J. Jurek

DISTRICT EIGHT

POLK COUNTY HEALTH DEPARTMENT

WILLIAM F. HILL, JR., M.D.
DIRECTOR

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Radiological And Occupational Health
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DIRECT SERVICE UNITS
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111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844
305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853
103 EAST CANAL STREET
MULBERRY, FLORIDA 33860

DIRECT SERVICE UNITS
1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33801
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WAVERLY, FLORIDA 33877
2 NORTH REEDY BLVD.
FROSTPROOF, FLORIDA 33843
243 E. LAKE AVENUE
AUBURNDALE, FLORIDA 33823

May 16, 1979

Rad. Health/ Field Survey

SITE: Florida Phosphate
BREAK: 17.8
OTHER: v. 19

Thomas F. Brannen
Branco Enterprises, Inc.
600 Brannen Road
Post Office Box 5197
Lakeland, Florida 33803



Dear Mr. Brannen:

This tract of land was surveyed by our department on December 30, 1977 as requested by another corporation. The readings recorded on the enclosed sketch indicate gamma radiation detected in microroentgens per hour (micro R/hr). These measurements ranged from 8 to 20 microroentgens per hour with an average level of 12.86 micro R/hr. The Environmental Protection Agency issued an interim guideline for construction on reclaimed land which states that if the external gamma levels are equal to or exceed 10 micro R/hr. then residential construction should be delayed pending additional study or an acceptable form of radon control technology should be initiated.

I have enclosed a copy of an Environmental Protection Agency document which discusses various radon control parameters which may help to answer any further questions on this matter.

If we can be of further help please feel free to contact us:

Radiological And Occupational Health
Post Office Box 1480
Winter Haven, Florida 33880

Sincerely,

Keith B. Moore

Keith B. Moore
Industrial Hygienist I

KBM/rch